

Weekly Project Status Report #3

I've made some solid progress since my last progress report. I've created a SQLite3 DB and some relevant queries for my app, I've created layouts for almost all of the screens now too. I struggled changing around the barcode scanner activity (burned 2 hours on this tonight), but I eventually was able to shrink down the view finder (scans PDF 417 much faster now) and add a toggle to turn on the device's flashlight to allow scanning at night. I can also now parse the scanned content of the driver's license - I have functions that either return a parsed JSON object, or individual parsed strings (getLicenseJSON(), getFirstName(), getAddress(), etc...).

All this scanning got me thinking about sharing contact data - Since the main functionality of this app is scanning PDF 417, it would make sense that the share functionality also utilized a scannable barcode. I'm now looking into creating a custom QR code (from JSON PDF 417 scan content) from a contact so other app users can scan the QR code and have the contact automatically added to their DB.

I've spend about 6 hours on development the past two days, and I probably have another 15 to go. Things are finally coming together, and I'm quite pleased with the result. I still have to integrate with the Facebook API and populate a list view with contact pictures. I have a feeling that will be the most difficult part of this app. Hopefully I'll have a polished app by the 27th!